

Title (en)
LIQUID DISCHARGE HEAD AND RECORDING DEVICE

Title (de)
FLÜSSIGKEITSAUSSTOSSKOPF UND AUFZEICHNUNGSVORRICHTUNG

Title (fr)
TÊTE D'ÉVACUATION DE LIQUIDE ET DISPOSITIF D'ENREGISTREMENT

Publication
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Application
EP 22837598 A 20220630

Priority

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Abstract (en)

A liquid discharge head (8) includes a discharge unit (26) including a nozzle (163), a pressurizing chamber (162), and a pressurizer (170) and dummy units (26a and 26b) including a dummy pressurizing chamber (162a) and a dummy pressurizer (170a). The liquid discharge head (8) includes a discharge region (24) where a plurality of the discharge units (26) is disposed in a row and a dummy region (25) where one or more dummy units (26a and 26b) are disposed adjacent to the discharge region (24) on an extended line of the row of the discharge units (26). The discharge region (24) includes a central region (26c) located at the center of the row and an end portion region (26d) located adjacent to the dummy region (25) at the end portion of the row. The end portion region (26d) is a region where the discharge unit (26) having a size of a dot larger than the discharge unit (26) in the central region (26c) is located. The dot is discharged by an identical drive signal formed on the recording medium when the dummy unit (26a and 26b) is not driven. In the liquid discharge head (8), a drive signal is supplied to the dummy unit (26a and 26b) while the drive signal is being supplied to the discharge unit (26) in the end portion region (26d).

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